

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE					PAGE 1 OF 2 DATE: 11 June 2020		
TO: The Record				FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
RIVER/HARBOR NAME AND STATE: Mattituck Harbor, New York					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER <i>(feet)</i>	MIDDLE HALF <i>(feet)</i>	RIGHT OUTSIDE QUARTER <i>(feet)</i>
		WIDTH <i>(feet)</i>	LENGTH <i>(nmiles)</i>	DEPTH <i>(feet)</i>			
Reach A: Begins in the Long Island Sound at approximately 100 feet seaward of RED NUN #2 FLOOD, and continues to the end of the 100 foot width project, approximately 450 feet landward of GREEN CAN #3 FLOOD.	Request No. 4949/AL; Pg 2-3 of 8; 26-29 May 2020	100	0.31	7	9.8	5.9	0.2
REPORT OF CHANNEL CONDITIONS <100 FEET WIDE					80% OF CHANNEL WIDTH <i>(feet)</i>		
Reach B: From approximately 450 feet landward of GREEN CAN #3 FLOOD to approximately 2,450 feet landward of the beginning of this reach.	Request No. 4949/AL; Pg 3-4 of 8; 26-29 May 2020	80	0.39	7	6.6		
Reach C: From the end of Reach B to approximately 1,180 feet landward of the beginning of this reach.	Request No. 4949/AL; Pg 4-5 of 8; 26-29 May 2020	80	0.21	7	5.0		
Reach D: From the end of Reach C to approximately 45 feet landward of NO WAKE BUOY FLOOD at the entrance to the anchorage.	Request No. 4949/AL; Pg 5-8 of 8; 26-29 May 2020	80	0.91	7	3.6		
Anchorage		AUTHORIZED PROJECT			MINIMUM DEPTH IN CHANNEL <i>(feet)</i>		
		WIDTH <i>(feet)</i>	AREA <i>(acres)</i>	DEPTH <i>(feet)</i>			
Anchorage: Commences from approximately 45 feet landward of NO WAKE BUOY FLOOD at the entrance to the anchorage, and extends approximately 670 feet landward.	Request No. 4949/AL; Pg 8 of 8; 26-29 May 2020	460	6.6	7	2.6		
REMARKS: <ul style="list-style-type: none"> • All reported depths are relative to Mean Lower Low Water (MLLW) datum. • Channel reach lengths are in nautical miles. 							
MATTITUCK HARBOR: <ul style="list-style-type: none"> • Reach A: <ul style="list-style-type: none"> ○ Shoaling exists along the channel's toe in the Right Outside Quarter, commencing approximately 180 feet landward of GREEN CAN #3 FLOOD until the landward end of the reach. ○ The controlling depth of -0.2 feet MLLW exists in the Right Outside Quarter at approximately 330 feet seaward of the end of the reach. • Reach B: <ul style="list-style-type: none"> ○ Edge shoaling exists intermittently in the Left and Right 10%, extending into the Middle 80% of this reach. ○ The controlling depth of -6.6 feet MLLW exists in the Middle 80% at approximately 500 feet seaward of the end of the reach. • Reach C: <ul style="list-style-type: none"> ○ Edge shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach. ○ A shoal exists in the Middle 80%, commencing approximately 40 feet seaward of the end of the reach and extends until the end of the reach. ○ The controlling depth of -5.0 feet MLLW exists in the Middle 80% approximately 30 feet seaward of the end of the reach. • Reach D: <ul style="list-style-type: none"> ○ Shoaling exists intermittently in the Left and Right 10% extending into the Middle 80% of this reach. ○ A large shoal begins in the Right 10% and extends into the Middle 80%, commencing approximately 105 feet seaward of GREEN MARKER FLOOD and extends for approximately 760 feet. ○ The controlling depth of -3.6 feet MLLW exists in the Middle 80% at approximately 210 feet landward of GREEN MARKER FLOOD. 							

MATTITUCK HARBOR:

- **Anchorage:**
 - Shoaling exists intermittently along the anchorage's toe in the seaward half of this reach.
 - The controlling depth of -2.6 feet MLLW exists at approximately 150 feet landward of the most seaward ANCHORAGE AREA BUOY FLOOD.